

SEGMENTAL TONAL MODELING FOR TONAL LANGUAGES

ABSTRACT OF THE DISCLOSURE

A phone set for use in speech processing
such as speech recognition or text-to-speech
5 conversion is used to model or form syllables of a
tonal language having a plurality of different tones.
Each syllable includes an initial part that can be
glide dependent and a final part. The final part
includes a plurality of phones. Each phones carries
10 partial tonal information such that the phones taken
together implicitly and jointly represent the
different tones.